EXHIBITS A1-A6

(Part 8 of 13)

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Enabling the Error-Disable Detection You can enable error-disable detection in an application. As a result, when a cause is detected on an interface, the interface is placed in an error-disabled state, which is an operational state that is similar to the link-down state. Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 6.x (2013), at 2-24.	14.5.2 Errdiabled Ports The switch places an Ethernet or management interface in *error-disabled* state when it detects an error on the interface. *Error-disabled* is an operational state that is similar to link-down state. Conditions that error-disables an interface includes: Arista User Manual v. 4.14.3F – Rev. 2 (10/2/14), at 123. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 503.	Dkt. 419-10 at PDF p. 248
Enabling the Error-Disable Detection You can enable error-disable detection in an application. As a result, when a cause is detected on an interface, the interface is placed in an error-disabled state, which is an operational state that is similar to the link-down state. Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 5.x (2011), at 2-22.	14.5.2 Errdiabled Ports The switch places an Ethernet or management interface in *error-disabled* state when it detects an error on the interface. *Error-disabled* is an operational state that is similar to link-down state. Conditions that error-disables an interface includes: Arista User Manual v. 4.14.3F – Rev. 2 (10/2/14), at 123. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 503.	Dkt. 419-10 at PDF p. 248

This example shows how to configure a Layer 2 trunk interface, assign the native VLAN and the allowed VLANs, and configure the device to tag the native VLAN traffic on the trunk interface:
 	
`switch# configure terminal`
`switch(config)# interface ethernet 2/35`
`switch(config-if)# switchport`
`switch(config-if)# switchport mode trunk`
`switch(config-if)# switchport trunk native vlan 10`
`switch(config-if)# switchport trunk allowed vlan 5, 10`
`switch(config-if)# exit`
`switch(config)# vlan dot1q tag native`
`switch(config)#`
 	
Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 6.x (2013), at 3-36.
	The trunk group command is not additive to the allowed vlan command
	
	`    interface ethernet 1`
	`        switchport mode trunk`
	`        switchport trunk allowed vlan 10`
	`        switchport trunk group trunk30`
	
	`    Vlan 30 will not be permitted on the interface as it is not listed in the allowed`
	`    vlan list.`
	
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/14), at 767.
		Dkt. 419-10 at PDF p. 249

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

This example shows how to configure a Layer 2 trunk interface, assign the native VLAN and the allowed VLANs, and configure the device to tag the native VLAN traffic on the trunk interface:
 	
``
switch# configure terminal
switch(config)# interface ethernet 2/35
switch(config-if)# switchport
switch(config-if)# switchport mode trunk
switch(config-if)# switchport trunk native vlan 10
switch(config-if)# switchport trunk allowed vlan 5, 10
switch(config-if)# exit
switch(config)# vlan dot1q tag native
switch(config)#
``
 	
Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 5.x (2011), at 3-23-24.
	The trunk group command is not additive to the allowed vlan command
	
	``
	interface ethernet 1
	    switchport mode trunk
	    switchport trunk allowed vlan 10
	    switchport trunk group trunk30
	
	Vlan 30 will not be permitted on the interface as it is not listed in the allowed vlan list.
	``
	
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/14), at 767.
		Dkt. 419-10 at PDF p. 249

This example shows how to configure a Layer 2 trunk interface, assign the native VLAN and the allowed VLANs, and configure the device to tag the native VLAN traffic on the trunk interface:
 	
``
switch# configure terminal
switch(config)# interface ethernet 2/35
switch(config-if)# switchport
switch(config-if)# switchport mode trunk
switch(config-if)# switchport trunk native vlan 10
switch(config-if)# switchport trunk allowed vlan 5, 10
switch(config-if)# exit
switch(config)# vlan dot1q tag native
switch(config)#
``
 	
Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 5.x (2010), at 3-19.
	The trunk group command is not additive to the allowed vlan command
	
	``
	interface ethernet 1
	    switchport mode trunk
	    switchport trunk allowed vlan 10
	    switchport trunk group trunk30
	
	Vlan 30 will not be permitted on the interface as it is not listed in the allowed vlan list.
	``
	
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/14), at 767.
		Dkt. 419-10 at PDF p. 249

This example shows how to configure a Layer 2 trunk interface, assign the native VLAN and the allowed VLANs, and configure the device to tag the native VLAN traffic on the trunk interface:
 	
``
switch# configure terminal
switch(config)# interface ethernet 2/35
switch(config-if)# switchport
switch(config-if)# switchport mode trunk
switch(config-if)# switchport trunk native vlan 10
switch(config-if)# switchport trunk allowed vlan 5, 10
switch(config-if)# exit
switch(config)# vlan dot1q tag native
switch(config)#
``
 	
Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 5.x (2008), at 3-17.
	The trunk group command is not additive to the allowed vlan command
	
	``
	interface ethernet 1
	    switchport mode trunk
	    switchport trunk allowed vlan 10
	    switchport trunk group trunk30
	
	Vlan 30 will not be permitted on the interface as it is not listed in the allowed vlan list.
	``
	
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/14), at 767.
		Dkt. 419-10 at PDF p. 250

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

`end`
`Example:`
`switch(config-router-af)# end` Exits address family configuration mode and returns to global configuration mode.
 	
Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 6.x (2013), at 5-30.
	• This command exits server-failure configuration mode and returns to global configuration mode.
	`switch(config-server-failure)#exit`
	`switch(config)#`
	
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/14), at 640.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 508.
		Dkt. 419-10 at PDF p. 250

`end`
`Example:`
`switch(config-router-af)# end` Exits address family configuration mode and returns to global configuration mode.
 	
Cisco IOS IP Multicast Configuration Guide (2009), at 289.
	• This command exits server-failure configuration mode and returns to global configuration mode.
	`switch(config-server-failure)#exit`
	`switch(config)#`
	
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/14), at 640.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 508.
		Dkt. 419-10 at PDF p. 250

Configuring the LACP Fast Timer Rate You can change the LACP timer rate to modify the duration of the LACP timeout. Use the lacp rate command to set the rate at which LACP control packets are sent to an LACP-supported interface. You can change the timeout rate from the default rate (30 seconds) to the fast rate (1 second). This command is supported only on LACP-enabled interfaces. Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 6.x (2013), at 6-38,	**lacp rate** The lacp rate command configures the LACP transmission interval on the configuration mode interface. The LACP timeout sets the rate at which LACP control packets are sent to an LACP-supported interface. Arista User Manual v. 4.14.3F (Rev. 2) (October 2, 2014), at 478. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 395; Arista User Manual, v. 4.11.1 (1/11/13), at 340; Arista User Manual v. 4.10.3 (10/22/12), at 298; Arista User Manual v. 4.9.3.2 (5/3/12), at 275; Arista User Manual v. 4.8.2 (11/18/11), at 213.	Dkt. 419-10 at PDF p. 251

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Configuring the LACP Fast Timer Rate You can change the LACP timer rate to modify the duration of the LACP timeout. Use the **lacp rate** command to set the rate at which LACP control packets are sent to an LACP-supported interface. You can change the timeout rate from the default rate (30 seconds) to the fast rate (1 second). This command is supported only on LACP-enabled interfaces. Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 5.x (June 14, 2011), at 6-333.	**lacp rate** The lacp rate command configures the LACP transmission interval on the configuration mode interface. The LACP timeout sets the rate at which LACP control packets are sent to an LACP-supported interface. Arista User Manual v. 4.14.3F (Rev. 2) (October 2, 2014), at 478. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 395; Arista User Manual, v. 4.11.1 (1/11/13), at 340; Arista User Manual v. 4.10.3 (10/22/12), at 298; Arista User Manual v. 4.9.3.2 (5/3/12), at 275; Arista User Manual v. 4.8.2 (11/18/11), at 213.	Dkt. 419-10 at PDF p. 251
Step 3 `lacp rate fast` Configures the fast rate (one second) at which LACP control packets are sent to an LACP-supported interface. **Example:** `switch(config-if)# lacp rate fast` To reset the timeout rate to its default, use the **no** form of the command. Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 6.x (2013), at 6-38.	**lacp rate** The lacp rate command configures the LACP transmission interval on the configuration mode interface. The LACP timeout sets the rate at which LACP control packets are sent to an LACP-supported interface. Supported values include: • *normal*: 30 seconds with synchronized interfaces; one second while interfaces are synchronizing. • *fast*: one second. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 478. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 395; Arista User Manual, v. 4.11.1 (1/11/13), at 340; Arista User Manual v. 4.10.3 (10/22/12), at 298; Arista User Manual v. 4.9.3.2 (5/3/12), at 275; Arista User Manual v. 4.8.2 (11/18/11), at 213.	Dkt. 419-10 at PDF p. 252

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Step 3 `lacp rate fast` — Configures the fast rate (one second) at which LACP control packets are sent to an LACP-supported interface. Example: `switch(config-if)# lacp rate fast` To reset the timeout rate to its default, use the **no** form of the command. Cisco Nexus 7000 Series NX-OS Interfaces Configuration Guide, Release 5.x (June 14, 2011), at 6-34.	**lacp rate** The lacp rate command configures the LACP transmission interval on the configuration mode interface. The LACP timeout sets the rate at which LACP control packets are sent to an LACP-supported interface. Supported values include: • *normal*: 30 seconds with synchronized interfaces; one second while interfaces are synchronizing. • *fast*: one second. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 478. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 395; Arista User Manual, v. 4.11.1 (1/11/13), at 340; Arista User Manual v. 4.10.3 (10/22/12), at 298; Arista User Manual v. 4.9.3.2 (5/3/12), at 275; Arista User Manual v. 4.8.2 (11/18/11), at 213.	Dkt. 419-10 at PDF p. 252
Syntax Description ipv4 — (Optional) Configures BFD session parameters for the IPv4 address. ipv6 — (Optional) Configures BFD session parameters for the IPv6 address. *mintx* — Rate at which BFD control packets are sent to BFD neighbors. The configurable range is from 50 to 999. min_rx *msec* — Specifies the rate at which BFD control packets are expected to be received from BFD neighbors. The range is from 50 to 999. **multiplier** *value* — Specifies the number of consecutive BFD control packets that must be missed from a BFD neighbor before BFD declares that the neighbor is unavailable and the BFD neighbor is informed of the failure. The range is from 1 to 50. **Defaults** BFD interval: 50 milliseconds min_rx: 50 milliseconds multiplier: 3 Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 6.x (2013), at 1-12.	31.3.1 Configuring BFD on an Interface The transmission rate for BFD control packets, the minimum rate at which control packets are expected from the peer, and the multiplier (the number of packets that must be missed in succession before BFD declares the session to be down) are all configured per interface. These values apply to all BFD sessions that pass through the interface. The default values for these parameters are: • transmission rate 300 milliseconds • minimum receive rate 300 milliseconds • multiplier 3 Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 1737. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 1467.	Dkt. 419-10 at PDF p. 253

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
ip pim bfd-instance To enable Bidirectional Forwarding Detection (BFD) for Protocol Independent Multicast (PIM) on an interface, use the **ip pim bfd-instance** command. To return to the default setting, use the **no** form of this command. 　　ip pim bfd-instance [disable] 　　no ip pim bfd-instance [disable] Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 6.x (2013), at 1-251.	31.3.2　Configuring BFD for PIM To enable or disable bidirectional forwarding detection (BFD) globally for all protocol independent multicast (PIM) neighbors, use the **ip pim bfd** command. To enable or disable PIM BFD on a specific interface, use the **ip pim bfd-instance** command. The interface-level configuration supercedes the global setting. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 766. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 1467.	Dkt. 419-10 at PDF p. 253
ip pim bfd-instance To enable Bidirectional Forwarding Detection (BFD) for Protocol Independent Multicast (PIM) on an interface, use the **ip pim bfd-instance** command. To return to the default setting, use the **no** form of this command. 　　ip pim bfd-instance [disable] 　　no ip pim bfd-instance [disable] Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 5.x (2010), at 66.	31.3.2　Configuring BFD for PIM To enable or disable bidirectional forwarding detection (BFD) globally for all protocol independent multicast (PIM) neighbors, use the **ip pim bfd** command. To enable or disable PIM BFD on a specific interface, use the **ip pim bfd-instance** command. The interface-level configuration supercedes the global setting. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 766. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 1467.	Dkt. 419-10 at PDF p. 253
| **switchport trunk native vlan**<br><br>To change the native VLAN ID when the interface is in trunking mode, use the **switchport trunk native vlan** command. To return the native VLAN ID to VLAN 1, use the **no** form of this command.<br><br>　　switchport trunk native vlan *vlan-id*<br><br>　　no switchport trunk native vlan<br><br><br><br>Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 6.x (2013), at 1-253. | To specify the port's native VLAN, use the **switchport trunk native vlan** command.<br><br>**Example**<br>•　These commands configure VLAN 12 as the native VLAN trunk for Ethernet interface 10.<br>```
switch(config)#interface ethernet 10
switch(config-if-Et10)#switchport trunk native vlan 12
switch(config-if-Et10)#
```<br>Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 766.<br><br>*See also* Arista User Manual v. 4.12.3 (7/17/13), at 614; Arista User Manual, v. 4.11.1 (1/11/13), at 470; Arista User Manual v. 4.10.3 (10/22/12), at 390; Arista User Manual v. 4.9.3.2 (5/3/12), at 310. | Dkt. 419-10 at PDF p. 254 |

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

switchport trunk native vlan
 	
i.switchport trunk native vlan command;
To change the native VLAN ID when the interface is in trunking mode, use the **switchport trunk native vlan** command. To return the native VLAN ID to VLAN 1, use the **no** form of this command.
 	
switchport trunk native vlan *vlan-id*
 	
no switchport trunk native vlan
 	
Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 5.x (2010), at 222.
	To specify the port's native VLAN, use the switchport trunk native vlan command.
	
	Example
	• These commands configure VLAN 12 as the native VLAN trunk for Ethernet interface 10.
	  switch(config)#interface ethernet 10
	  switch(config-if-Et10)#switchport trunk native vlan 12
	  switch(config-if-Et10)#
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 766.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 614; Arista User Manual, v. 4.11.1 (1/11/13), at 470; Arista User Manual v. 4.10.3 (10/22/12), at 390; Arista User Manual v. 4.9.3.2 (5/3/12), at 310.
		Dkt. 419-10 at PDF p. 254

switchport trunk native vlan
 	
To change the native VLAN ID when the interface is in trunking mode, use the **switchport trunk native vlan** command. To return the native VLAN ID to VLAN 1, use the no form of this command.
 	
switchport trunk native vlan *vlan-id*
 	
no switchport trunk native vlan
 	
Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 4.0 (2008), at IF-35.
	To specify the port's native VLAN, use the switchport trunk native vlan command.
	
	Example
	• These commands configure VLAN 12 as the native VLAN trunk for Ethernet interface 10.
	  switch(config)#interface ethernet 10
	  switch(config-if-Et10)#switchport trunk native vlan 12
	  switch(config-if-Et10)#
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 766.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 614; Arista User Manual, v. 4.11.1 (1/11/13), at 470; Arista User Manual v. 4.10.3 (10/22/12), at 390; Arista User Manual v. 4.9.3.2 (5/3/12), at 310.
		Dkt. 419-10 at PDF p. 255

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

This example shows how to clear all the dynamic Layer 2 entries from the MAC address table for VLAN 20 on port 2/20:
 	
`switch(config)# clear mac address-table dynamic vlan 20 interface ethernet 2/20`
`switch(config)#`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, (2013), at 3.
	Example
	• This command clears all dynamic mac address table entries for port channel 5 on VLAN 34.
	
	`switch#clear mac address-table dynamic vlan 34 interface port-channel 5`
	`switch#`
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 648.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 516; Arista User Manual, v. 4.11.1 (1/11/13), at 402; Arista User Manual v. 4.10.3 (10/22/12), at 333; Arista User Manual v. 4.9.3.2 (5/3/12), at 316.
		Dkt. 419-10 at PDF p. 255

This example shows how to clear all the dynamic Layer 2 entries from the MAC address table for VLAN 20 on port 2/20:
 	
`switch(config)# clear mac address-table dynamic vlan 20 interface ethernet 2/20`
`switch(config)#`
 	
Cisco NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at L2-2-L2-3.
	Example
	• This command clears all dynamic mac address table entries for port channel 5 on VLAN 34.
	
	`switch#clear mac address-table dynamic vlan 34 interface port-channel 5`
	`switch#`
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 648.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 516; Arista User Manual, v. 4.11.1 (1/11/13), at 402; Arista User Manual v. 4.10.3 (10/22/12), at 333; Arista User Manual v. 4.9.3.2 (5/3/12), at 316.
		Dkt. 419-10 at PDF p. 255

This example shows how to clear all the dynamic Layer 2 entries from the MAC address table for VLAN 20 on port 2/20:
 	
`switch(config)# clear mac address-table dynamic vlan 20 interface ethernet 2/20`
`switch(config)#`
 	
Cisco NX-OS Layer 2 Switching Command Reference, Release 4.0 (2008), at L2-2-L2-3.
	Example
	• This command clears all dynamic mac address table entries for port channel 5 on VLAN 34.
	
	`switch#clear mac address-table dynamic vlan 34 interface port-channel 5`
	`switch#`
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 648.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 516; Arista User Manual, v. 4.11.1 (1/11/13), at 402; Arista User Manual v. 4.10.3 (10/22/12), at 333; Arista User Manual v. 4.9.3.2 (5/3/12), at 316.
		Dkt. 419-10 at PDF p. 256

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Usage Guidelines Rapid per VLAN Spanning Tree Plus (Rapid PVST+) and Multiple Spanning Tree (MST) have built-in compatibility mechanisms that allow them to interact properly with other versions of IEEE spanning tree or other regions. For example, a bridge running Rapid PVST+ can send 802.1D bridge protocol data units (BPDUs) on one of its ports when it is connected to a legacy bridge. An MST bridge can detect that a port is at the boundary of a region when it receives a legacy BPDU or an MST BPDU that is associated with a different region. Cisco Nexus 7000 Series NX-OS Interfaces Command Reference, Release 6.x (2013), at 5.	20.2.1.4 Version Interoperability A network can contain switches running different spanning tree versions. The common spanning tree (CST) is a single forwarding path the switch calculates for STP, RSTP, MSTP, and Rapid-PVST topologies in networks containing multiple spanning tree variations. In multi-instance topologies, the following instances correspond to the CST: • Rapid-PVST: VLAN 1 • MST: IST (instance 0) RSTP and MSTP are compatible with other spanning tree versions: • An RSTP bridge sends 802.1D (original STP) BPDUs on ports connected to an STP bridge. • RSTP bridges operating in 802.1D mode remain in 802.1D mode even after all STP bridges are removed from their links. • An MST bridge can detect that a port is at a region boundary when it receives an STP BPDU or an MST BPDU from a different region. • MST ports assume they are boundary ports when the bridges to which they connect join the same region. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 953. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 831; Arista User Manual, v. 4.11.1 (1/11/13), at 649; Arista User Manual v. 4.10.3 (10/22/12), at 563; Arista User Manual v. 4.9.3.2 (5/3/12), at 483; Arista User Manual v. 4.8.2 (11/18/11), at 357; Arista User Manual v. 4.7.3 (7/18/11), at 231.	Dkt. 419-10 at PDF p. 256

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Usage Guidelines Rapid per VLAN Spanning Tree Plus (Rapid PVST+) and Multiple Spanning Tree (MST) have built-in compatibility mechanisms that allow them to interact properly with other versions of IEEE spanning tree or other regions. For example, a bridge running Rapid PVST+ can send 802.1D bridge protocol data units (BPDUs) on one of its ports when it is connected to a legacy bridge. An MST bridge can detect that a port is at the boundary of a region when it receives a legacy BPDU or an MST BPDU that is associated with a different region. Cisco NX-OS Layer 2 Switching Command Reference, Release 5.0 (2010), at L2-5.	20.2.1.4 Version Interoperability A network can contain switches running different spanning tree versions. The common spanning tree (CST) is a single forwarding path the switch calculates for STP, RSTP, MSTP, and Rapid-PVST topologies in networks containing multiple spanning tree variations. In multi-instance topologies, the following instances correspond to the CST: • Rapid-PVST: VLAN 1 • MST: IST (instance 0) RSTP and MSTP are compatible with other spanning tree versions: • An RSTP bridge sends 802.1D (original STP) BPDUs on ports connected to an STP bridge. • RSTP bridges operating in 802.1D mode remain in 802.1D mode even after all STP bridges are removed from their links. • An MST bridge can detect that a port is at a region boundary when it receives an STP BPDU or an MST BPDU from a different region. • MST ports assume they are boundary ports when the bridges to which they connect join the same region. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 953. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 831; Arista User Manual, v. 4.11.1 (1/11/13), at 649; Arista User Manual v. 4.10.3 (10/22/12), at 563; Arista User Manual v. 4.9.3.2 (5/3/12), at 483; Arista User Manual v. 4.8.2 (11/18/11), at 357; Arista User Manual v. 4.7.3 (7/18/11), at 231.	Dkt. 419-10 at PDF p. 257

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Usage Guidelines Rapid per VLAN Spanning Tree Plus (Rapid PVST+) and Multiple Spanning Tree (MST) have built-in compatibility mechanisms that allow them to interact properly with other versions of IEEE spanning tree or other regions. For example, a bridge running Rapid PVST+ can send 802.1D bridge protocol data units (BPDUs) on one of its ports when it is connected to a legacy bridge. An MST bridge can detect that a port is at the boundary of a region when it receives a legacy BPDU or an MST BPDU that is associated with a different region. Cisco NX-OS Layer 2 Switching Command Reference, Release 4.0 (2008), at L2-5.	20.2.1.4 Version Interoperability A network can contain switches running different spanning tree versions. The common spanning tree (CST) is a single forwarding path the switch calculates for STP, RSTP, MSTP, and Rapid-PVST topologies in networks containing multiple spanning tree variations. In multi-instance topologies, the following instances correspond to the CST: • Rapid-PVST: VLAN 1 • MST: IST (instance 0) RSTP and MSTP are compatible with other spanning tree versions: • An RSTP bridge sends 802.1D (original STP) BPDUs on ports connected to an STP bridge. • RSTP bridges operating in 802.1D mode remain in 802.1D mode even after all STP bridges are removed from their links. • An MST bridge can detect that a port is at a region boundary when it receives an STP BPDU or an MST BPDU from a different region. • MST ports assume they are boundary ports when the bridges to which they connect join the same region. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 953. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 831; Arista User Manual, v. 4.11.1 (1/11/13), at 649; Arista User Manual v. 4.10.3 (10/22/12), at 563; Arista User Manual v. 4.9.3.2 (5/3/12), at 483; Arista User Manual v. 4.8.2 (11/18/11), at 357; Arista User Manual v. 4.7.3 (7/18/11), at 231.	Dkt. 419-10 at PDF p. 258

Examples This example shows how to add a static entry to the MAC address table:
`switch(config)# mac address-table static 0050.3e8d.6400 vlan 3 interface ethernet 2/1`
`switch(config)#`
 	
Related Commands Command — Description
show mac address-table — Displays information about the MAC address table.
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 20.
	The **mac address-table static** command adds a static entry to the MAC address table.
	
	Example
	• This command adds a static entry for unicast MAC address 0012.3694.03ec to the MAC address table.
	`switch(config)#mac address-table static 0012.3694.03ec vlan 3 interface Ethernet 7`
	`switch(config)#show mac address-table static`
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 624.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 494; Arista User Manual, v. 4.11.1 (1/11/13), at 427-28; Arista User Manual, v. 4.11.1 (1/11/13), at; Arista User Manual v. 4.10.3 (10/22/12), at 331; Arista User Manual v. 4.9.3.2 (5/3/12), at 321-22.
		Dkt. 419-10 at PDF p. 258

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

Examples — This example shows how to add a static entry to the MAC address table:
`switch(config)# mac address-table static 0050.3e8d.6400 vlan 3 interface ethernet 2/1`
`switch(config)#`
 	
Related Commands — Command: show mac address-table — Description: Displays information about the MAC address table.
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at L2-18.
	The mac address-table static command adds a static entry to the MAC address table.
	
	Example
	• This command adds a static entry for unicast MAC address 0012.3694.03ec to the MAC address table.
	`switch(config)#mac address-table static 0012.3694.03ec vlan 3 interface Ethernet 7`
	`switch(config)#show mac address-table static`
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 624.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 494; Arista User Manual, v. 4.11.1 (1/11/13), at 427-28; Arista User Manual, v. 4.11.1 (1/11/13), at; Arista User Manual v. 4.10.3 (10/22/12), at 331; Arista User Manual v. 4.9.3.2 (5/3/12), at 321-22.
		Dkt. 419-10 at PDF p. 259

Examples — This example shows how to add a static entry to the MAC address table:
`switch(config)# mac address-table static 0050.3e8d.6400 vlan 3 interface ethernet 2/1`
`switch(config)#`
 	
Related Commands — Command: show mac address-table — Description: Displays information about the MAC address table.
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 4.0 (2008), at L2-13.
	The mac address-table static command adds a static entry to the MAC address table.
	
	Example
	• This command adds a static entry for unicast MAC address 0012.3694.03ec to the MAC address table.
	`switch(config)#mac address-table static 0012.3694.03ec vlan 3 interface Ethernet 7`
	`switch(config)#show mac address-table static`
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 624.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 494; Arista User Manual, v. 4.11.1 (1/11/13), at 427-28; Arista User Manual, v. 4.11.1 (1/11/13), at; Arista User Manual v. 4.10.3 (10/22/12), at 331; Arista User Manual v. 4.9.3.2 (5/3/12), at 321-22.
		Dkt. 419-10 at PDF p. 259

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Related Commands / Command / Description: **show spanning-tree mst configuration** — Displays information about the MST protocol. **spanning-tree mst configuration** — Enters MST configuration submode. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 24.	**show spanning-tree mst configuration** The show spanning-tree mst configuration command displays information about the MST region's VLAN-to-instance mapping. The command provides two display options: • default — displays a table that lists the instance to VLAN map. • digest — displays the configuration digest. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 991. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 869; Arista User Manual, v. 4.11.1 (1/11/13), at 687; Arista User Manual v. 4.10.3 (10/22/12), at 601; Arista User Manual v. 4.9.3.2 (5/3/12), at 520; Arista User Manual v. 4.8.2 (11/18/11), at 394; Arista User Manual v. 4.7.3 (7/18/11), at 283.	Dkt. 419-10 at PDF p. 260
Related Commands / Command / Description: **show spanning-tree mst configuration** — Displays information about the MST protocol. **spanning-tree mst configuration** — Enters MST configuration submode. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at L2-26.	**show spanning-tree mst configuration** The show spanning-tree mst configuration command displays information about the MST region's VLAN-to-instance mapping. The command provides two display options: • default — displays a table that lists the instance to VLAN map. • digest — displays the configuration digest. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 991. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 869; Arista User Manual, v. 4.11.1 (1/11/13), at 687; Arista User Manual v. 4.10.3 (10/22/12), at 601; Arista User Manual v. 4.9.3.2 (5/3/12), at 520; Arista User Manual v. 4.8.2 (11/18/11), at 394; Arista User Manual v. 4.7.3 (7/18/11), at 283.	Dkt. 419-10 at PDF p. 260

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Related Commands Command — Description show spanning-tree mst configuration — Displays information about the MST protocol. spanning-tree mst configuration — Enters MST configuration submode. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 4.x (2008), at L2-17.	**show spanning-tree mst configuration** The show spanning-tree mst configuration command displays information about the MST region's VLAN-to-instance mapping. The command provides two display options: • **default** displays a table that lists the instance to VLAN map. • **digest** displays the configuration digest. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 991. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 869; Arista User Manual, v. 4.11.1 (1/11/13), at 687; Arista User Manual v. 4.10.3 (10/22/12), at 601; Arista User Manual v. 4.9.3.2 (5/3/12), at 520; Arista User Manual v. 4.8.2 (11/18/11), at 394; Arista User Manual v. 4.7.3 (7/18/11), at 283.	Dkt. 419-10 at PDF p. 261

Examples
 	
This example shows how to display VTP interface switchport information on the device:
 	
``
switch# show interface switchport
Name: Ethernet8/11
  Switchport: Enabled
  Switchport Monitor: Not enabled
  Operational Mode: trunk
  Access Mode VLAN: 1 (default)
  Trunking Native Mode VLAN: 1 (default)
  Trunking VLANs Enabled: 1,10,20-30
  Pruning VLANs Enabled: 2-1001
  Administrative private-vlan primary host-association: none
  Administrative private-vlan secondary host-association: none
  Administrative private-vlan primary mapping: none
  Administrative private-vlan secondary mapping: none
  Administrative private-vlan trunk native VLAN: none
  Administrative private-vlan trunk encapsulation: dot1q
  Administrative private-vlan trunk normal VLANs: none
  Administrative private-vlan trunk private VLANs: none
  Operational private-vlan: none
switch#
``
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 44.
	Example
	• These commands create the trunk mode allowed VLAN list of 6-10 for Ethernet interface 14, then verifies the VLAN list.
	
	``
	switch(config)#interface ethernet 14
	switch(config-if-Et14)#switchport trunk allowed vlan 6-10
	switch(config-if-Et14)#show interfaces ethernet 14 switchport
	Name: Et14
	  Switchport: Enabled
	  Administrative Mode: trunk
	  Operational Mode: trunk
	  Access Mode VLAN: 1 (inactive)
	  Trunking Native Mode VLAN: 1 (inactive)
	  Administrative Native VLAN tagging: disabled
	  Trunking VLANs Enabled: 6-10
	  Trunk Groups:
	
	switch(config-if-Et14)#
	``
	
	A
	rista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 798.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 645; Arista User Manual, v. 4.11.1 (1/11/13), at 498; Arista User Manual v. 4.10.3 (10/22/12), at 416; Arista User Manual v. 4.9.3.2 (5/3/12), at 355.
		Dkt. 419-10 at PDF p. 261

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
| **Examples**    This example shows how to display information about the specified VLAN. This command displays statistical information gathered on the VLAN at 1-minute intervals:<br><br>```
switch# show interface vlan 5
Vlan5 is administratively down, line protocol is down
  Hardware is EtherSVI, address is 0000.0000.0000
  MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
   reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, loopback not set
  Keepalive not supported
  ARP type: ARPA
  Last clearing of "show interface" counters 01:21:55
  1 minute input rate 0 bytes/sec, 0 packets/sec
  1 minute output rate 0 bytes/sec, 0 packets/sec
  L3 Switched:
    input: 0 pkts, 0 bytes - output: 0 pkts, 0 bytes
  L3 in Switched:
    ucast: 0 pkts, 0 bytes - mcast: 0 pkts, 0 bytes
  L3 out Switched:
    ucast: 0 pkts, 0 bytes - mcast: 0 pkts, 0 bytes
```<br><br>Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 49. | **Example**<br><br>• This command display configuration and status information for Ethernet interface 1 and 2.<br><br>```
switch>show interfaces ethernet 1-2
Ethernet1 is up, line protocol is up (connected)
  Hardware is Ethernet, address is 001c.2481.7647 (bia 001c.2481.7647)
  Description: mkt.1
  MTU 9212 bytes, BW 10000000 Kbit
  Full-duplex, 10Gb/s, auto negotiation: off
  Last clearing of "show interface" counters never
  5 seconds input rate 33.5 Mbps (0.3% with framing), 846 packets/sec
  5 seconds output rate 180 kbps (0.0% with framing), 55 packets/sec
     76437268 packets input, 94280286608 bytes
     Received 2208 broadcasts, 73358 multicast
     0 runts, 0 giants
     0 input errors, 0 CRC, 0 alignment, 0 symbol
     0 PAUSE input
     6184281 packets output, 4071319140 bytes
     Sent 2209 broadcasts, 345754 multicast
     0 output errors, 0 collisions
     0 late collision, 0 deferred
     0 PAUSE output
```<br><br>Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 437.<br><br>*See also* Arista User Manual v. 4.12.3 (7/17/13), at 371; Arista User Manual, v. 4.11.1 (1/11/13), at 312; Arista User Manual v. 4.10.3 (10/22/12), at 270; Arista User Manual v. 4.9.3.2 (5/3/12), at 252. | Dkt. 419-10 at PDF p. 262 |

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

Examples This example shows how to display information about the specified VLAN. This command displays statistical information gathered on the VLAN at 1-minute intervals:
 	
``
switch# show interface vlan 5
Vlan5 is administratively down, line protocol is down
  Hardware is EtherSVI, address is 0000.0000.0000
  MTU 1500 bytes, BW 1000000 Kbit, DLY 10 usec,
   reliability 255/255, txload 1/255, rxload 1/255
  Encapsulation ARPA, loopback not set
  Keepalive not supported
  ARP type: ARPA
  Last clearing of "show interface" counters 01:21:55
  1 minute input rate 0 bytes/sec, 0 packets/sec
  1 minute output rate 0 bytes/sec, 0 packets/sec
  L3 Switched:
     input: 0 pkts, 0 bytes - output: 0 pkts, 0 bytes
  L3 in Switched:
     ucast: 0 pkts, 0 bytes - mcast: 0 pkts, 0 bytes
  L3 out Switched:
     ucast: 0 pkts, 0 bytes - mcast: 0 pkts, 0 bytes
``
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at 46.
	Example
	• This command display configuration and status information for Ethernet interface 1 and 2.
	
	``
	switch>show interfaces ethernet 1-2
	Ethernet1 is up, line protocol is up (connected)
	  Hardware is Ethernet, address is 001c.2481.7647 (bia 001c.2481.7647)
	  Description: mkt.1
	  MTU 9212 bytes, BW 10000000 Kbit
	  Full-duplex, 10Gb/s, auto negotiation: off
	  Last clearing of "show interface" counters never
	  5 seconds input rate 83.5 Mbps (0.3% with framing), 846 packets/sec
	  5 seconds output rate 180 kbps (0.0% with framing), 55 packets/sec
	     76437268 packets input, 94280286608 bytes
	     Received 2208 broadcasts, 73358 multicast
	     0 runts, 0 giants
	     0 input errors, 0 CRC, 0 alignment, 0 symbol
	     0 PAUSE input
	     6184281 packets output, 4071319140 bytes
	     Sent 2209 broadcasts, 345754 multicast
	     0 output errors, 0 collisions
	     0 late collision, 0 deferred
	     0 PAUSE output
	``
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 437.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 371; Arista User Manual, v. 4.11.1 (1/11/13), at 312; Arista User Manual v. 4.10.3 (10/22/12), at 270; Arista User Manual v. 4.9.3.2 (5/3/12), at 252.
		Dkt. 419-10 at PDF p. 263

show mac address-table To display the information about the MAC address table use the show mac address-table command. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 54.	**14.3.2 Displaying the MAC Address Table** The show mac address-table command displays the specified MAC address table entries. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 626. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 496; Arista User Manual, v. 4.11.1 (1/11/13), at 402; Arista User Manual v. 4.10.3 (10/22/12), at 360; Arista User Manual v. 4.9.3.2 (5/3/12), at 333.	Dkt. 419-10 at PDF p. 263

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
show mac address-table To display the information about the MAC address table, use the show mac address-table command. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2010), at L-51.	14.3.2 Displaying the MAC Address Table The show mac address-table command displays the specified MAC address table entries. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 626. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 496; Arista User Manual, v. 4.11.1 (1/11/13), at 402; Arista User Manual v. 4.10.3 (10/22/12), at 360; Arista User Manual v. 4.9.3.2 (5/3/12), at 333.	Dkt. 419-10 at PDF p. 264
Command / **Description** mac address-table static / Adds static entries to the MAC address table or configures a static MAC address with IGMP snooping disabled for that address. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 40.	**mac address-table static** The mac address-table static command adds a static entry to the MAC address table. Each table entry references a MAC address, a VLAN, and a list of layer 2 (Ethernet or port channel) ports. The table supports three entry types: unicast drop, unicast, and multicast. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 664 *See also* Arista User Manual v. 4.12.3 (7/17/13), at 532; Arista User Manual, v. 4.11.1 (1/11/13), at 427.	Dkt. 419-10 at PDF p. 264
Command / **Description** mac address-table static / Adds static entries to the MAC address table or configures a static MAC address with IGMP snooping disabled for that address. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2013), at L2-53.	**mac address-table static** The mac address-table static command adds a static entry to the MAC address table. Each table entry references a MAC address, a VLAN, and a list of layer 2 (Ethernet or port channel) ports. The table supports three entry types: unicast drop, unicast, and multicast. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 664 *See also* Arista User Manual v. 4.12.3 (7/17/13), at 532; Arista User Manual, v. 4.11.1 (1/11/13), at 427.	Dkt. 419-10 at PDF p. 264

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Command: mac address-table static **Description:** Adds static entries to the MAC address table or configures a static MAC address with IGMP snooping disabled for that address. Cisco Ios Security Command Reference (2010), at SEC-2374.	**mac address-table static** The mac address-table static command adds a static entry to the MAC address table. Each table entry references a MAC address, a VLAN, and a list of layer 2 (Ethernet or port channel) ports. The table supports three entry types: unicast drop, unicast, and multicast. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 664 *See also* Arista User Manual v. 4.12.3 (7/17/13), at 532; Arista User Manual, v. 4.11.1 (1/11/13), at 427.	Dkt. 419-10 at PDF p. 265
Command: mac address-table aging-time **Description:** Configures the aging time for entries in the Layer 2 table. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 57.	The mac address-table aging-time command configures the aging time for MAC address table dynamic entries. Aging time defines the period an entry is in the table, as measured from the most recent reception of a frame on the entry's VLAN from the specified MAC address. The switch removes entries when their presence in the MAC address table exceeds the aging time. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 662 *See also* Arista User Manual v. 4.12.3 (7/17/13), at 496; Arista User Manual, v. 4.11.1 (1/11/13), at 426; Arista User Manual v. 4.10.3 (10/22/12), at 332; Arista User Manual v. 4.9.3.2 (5/3/12), at 320.	Dkt. 419-10 at PDF p. 265
Command: mac address-table aging-time **Description:** Configures the aging time for entries in the Layer 2 table. Cisco Ios Security Command Reference (2010), at SEC-2374.	The mac address-table aging-time command configures the aging time for MAC address table dynamic entries. Aging time defines the period an entry is in the table, as measured from the most recent reception of a frame on the entry's VLAN from the specified MAC address. The switch removes entries when their presence in the MAC address table exceeds the aging time. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 662 *See also* Arista User Manual v. 4.12.3 (7/17/13), at 496; Arista User Manual, v. 4.11.1 (1/11/13), at 426; Arista User Manual v. 4.10.3 (10/22/12), at 332; Arista User Manual v. 4.9.3.2 (5/3/12), at 320.	Dkt. 419-10 at PDF p. 265

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
Command **Description** mac address-table aging-time Configures the aging time for entries in the Layer 2 table. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at L-54.	The mac address-table aging-time command configures the aging time for MAC address table dynamic entries. Aging time defines the period an entry is in the table, as measured from the most recent reception of a frame on the entry's VLAN from the specified MAC address. The switch removes entries when their presence in the MAC address table exceeds the aging time. Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 662 *See also* Arista User Manual v. 4.12.3 (7/17/13), at 496; Arista User Manual, v. 4.11.1 (1/11/13), at 426; Arista User Manual v. 4.10.3 (10/22/12), at 332; Arista User Manual v. 4.9.3.2 (5/3/12), at 320.	Dkt. 419-10 at PDF p. 266

Examples   This example shows how to display STP when you are running Rapid PVST+:
 	
`switch# show spanning-tree`
 	
VLAN0001
  Spanning tree enabled protocol rstp
  Root ID   Priority   32769
           Address   000d.eca3.9f01
           Cost   4
           Port   4105 (port-channel10)
           Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
 	
  Bridge ID Priority   32769 (priority 32768 sys-id-ext 1)
           Address   0022.5579.7641
           Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
 	
  Interface   Role Sts Cost   Prio.Nbr Type
 	
  Po10   Root FWD 2   128.4105 (vPC peer-link) P2p
  Po20   Desg FWD 1   128.4115 (vPC) P2p
  Po30   Root FWD 1   128.4125 (vPC) P2p
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, (2013), at 63.
	Show commands (such as show spanning-tree) displays the RSTP instance as MST0 (MST instance 0).
	
	Example
	• This command, while the switch is in RST mode, displays RST instance information.
	
	`switch(config)#show spanning-tree`
	MST0
	  Spanning tree enabled protocol rstp *<---RSTP mode indicator*
	  Root ID Priority 32768
	           Address 001c.730c.1867
	           This bridge is the root
	
	  Bridge ID Priority 32768 (priority 32768 sys-id-ext 0)
	          Address 001c.730c.1867
	          Hello Time 2.000 sec Max Age 20 sec Forward Delay 15 sec
	
	  Interface Role State Cost Prio.Nbr Type
	  ------------- ------- ------ ----- -------- ----
	  Et51 designated forwarding 2000 128.51 P2p
	
	`switch(config)#`
	
	Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 960.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 838; Arista User Manual, v. 4.11.1 (1/11/13), at 656; Arista User Manual v. 4.10.3 (10/22/12), at 570; Arista User Manual v. 4.9.3.2 (5/3/12), at 490; Arista User Manual v. 4.8.2 (11/18/11), at 364; Arista User Manual v. 4.7.3 (7/18/11), at 238; Arista User Manual v. 4.6.0 (12/22/2010), at 268.
		Dkt. 419-10 at PDF p. 266

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
| **Examples** This example shows how to display STP when you are running Rapid PVST+:<br><br>```
switch# show spanning-tree

VLAN0001
  Spanning tree enabled protocol rstp
  Root ID    Priority    32769
             Address     000d.eca3.9f01
             Cost        4
             Port        4105 (port-channel10)
             Hello Time  2  sec  Max Age 20 sec  Forward Delay 15 sec

  Bridge ID  Priority    32769  (priority 32768 sys-id-ext 1)
             Address     0022.5579.7641
             Hello Time  2  sec  Max Age 20 sec  Forward Delay 15 sec

Interface        Role Sts Cost       Prio.Nbr Type
---------------- ---- --- ---------- -------- ------
Po10             Root FWD 2           128.4105 (vPC peer-link) P2p
Po20             Desg FWD 1           128.4115 (vPC) P2p
Po30             Root FWD 1           128.4125 (vPC) P2p
```<br><br>Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at L59-60. | Show commands (such as show spanning-tree) displays the RSTP instance as MST0 (MST instance 0).<br><br>**Example**<br>• This command, while the switch is in RST mode, displays RST instance information.<br><br>```
switch(config)#show spanning-tree
MST0
  Spanning tree enabled protocol rstp        <---RSTP mode indicator
  Root ID    Priority    32768
             Address     001c.730c.1867
             This bridge is the root

  Bridge ID  Priority    32768  (priority 32768 sys-id-ext 0)
             Address     001c.730c.1867
             Hello Time  2.000 sec  Max Age 20 sec  Forward Delay 15 sec

Interface        Role     State      Cost       Prio.Nbr Type
---------------- -------- ---------- ---------- -------- ------
Et51             designated forwarding 2000     128.51   P2p

switch(config)#
```<br><br>Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 960.<br><br>*See also* Arista User Manual v. 4.12.3 (7/17/13), at 838; Arista User Manual, v. 4.11.1 (1/11/13), at 656; Arista User Manual v. 4.10.3 (10/22/12), at 570; Arista User Manual v. 4.9.3.2 (5/3/12), at 490; Arista User Manual v. 4.8.2 (11/18/11), at 364; Arista User Manual v. 4.7.3 (7/18/11), at 238; Arista User Manual v. 4.6.0 (12/22/2010), at 268. | Dkt. 419-10 at PDF p. 267 |

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

This example shows how to display STP information when you are running MST:
 	
``
switch# show spanning-tree
 	
MST0000
  Spanning tree enabled protocol mstp
  Root ID   Priority   32768
             Address   0018.bad8.fc150
             Cost   0
             Port   258 (Ethernet 2/2)
             Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
 	
  Bridge ID Priority   32768 (priority 32768 sys-id-ext 0)
             Address   0018.bad8.239d
             Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
 	
Interface   Role Sts Cost   Prio.Nbr   Type
---------------- ---- --- --------- -------- ---------------------------
Eth2/1   Altn BKN 20000   128.257   Network, P2p   BA_Inc.
Eth2/2   Root FWD 20000   128.258   Edge, P2p
Eth3/48   Desg FWD 20000   128.43228 P2p
``
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 64
	This command displays output from the show spanning-tree command:
	
	``
	Switch#show spanning-tree
	MST0
	  Spanning tree enabled protocol mstp
	  Root ID Priority 32768
	             Address 0011.2201.0301
	             This bridge is the root
	
	  Bridge ID Priority 32768 (priority 32768 sys-id-ext 0)
	             Address 0011.2201.0301
	             Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
	
	Interface Role State Cost Prio.Nbr Type
	---------------- ----------- ----------- ---------- -------- --------------
	Et4 designated forwarding 2000 128.4 P2p
	Et5 designated forwarding 2000 128.5 P2p
	...
	PEt4 designated forwarding 2000 128.31 P2p
	PEt5 designated forwarding 2000 128.44 P2p
	...
	Po3 designated forwarding 1999 128.1003 P2p
	``
	
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	rista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 983.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 861; Arista User Manual, v. 4.11.1 (1/11/13), at 679; Arista User Manual v. 4.10.3 (10/22/12), at 593; Arista User Manual v. 4.9.3.2 (5/3/12), at 512; Arista User Manual v. 4.8.2 (11/18/11), at 386; Arista User Manual v. 4.7.3 (7/18/11), at 275; Arista User Manual v. 4.6.0 (12/22/2010), at 295
		Dkt. 419-10 at PDF p. 268

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

This example shows how to display STP information when you are running MST:
 	
``
switch# show spanning-tree
 	
MST0000
  Spanning tree enabled protocol mstp
  Root ID   Priority   32768
            Address   0018.bad8.fc150
            Cost   0
            Port   258 (Ethernet 2/2)
            Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
 	
  Bridge ID Priority   32768 (priority 32768 sys-id-ext 0)
             Address   0018.bad8.239d
             Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
 	
Interface   Role Sts Cost   Prio.Nbr   Type
---------------- ---- --- ---------   --------   ----------------------
Eth2/1   Altn BKN 20000   128.257   Network, P2p   BA_Inc.
Eth2/2   Root FWD 20000   128.258   Edge, P2p
Eth3/48   Desg FWD 20000   128.43228 P2p
``
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at L2-59:L2-61
	This command displays output from the show spanning-tree command:
	
	``
	Switch#show spanning-tree
	MST0
	  Spanning tree enabled protocol mstp
	  Root ID Priority 32768
	            Address 0011.2201.0301
	            This bridge is the root
	
	  Bridge ID Priority 32768 (priority 32768 sys-id-ext 0)
	             Address 0011.2201.0301
	             Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec
	
	Interface Role State Cost Prio.Nbr Type
	---------------- ----------- ----------- ---------- -------- -----------
	Et4 designated forwarding 2000 128.4 P2p
	Et5 designated forwarding 2000 128.5 P2p
	...
	PEt4 designated forwarding 2000 128.31 P2p
	PEt5 designated forwarding 2000 128.44 P2p
	...
	Po3 designated forwarding 1999 128.1003 P2p
	``
	
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	rista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 983.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 861; Arista User Manual, v. 4.11.1 (1/11/13), at 679; Arista User Manual v. 4.10.3 (10/22/12), at 593; Arista User Manual v. 4.9.3.2 (5/3/12), at 512; Arista User Manual v. 4.8.2 (11/18/11), at 386; Arista User Manual v. 4.7.3 (7/18/11), at 275; Arista User Manual v. 4.6.0 (12/22/2010), at 295
		Dkt. 419-10 at PDF p. 269

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
``
Spanning tree enabled protocol rstp
Root ID   Priority   32770
           Address   000d.eca3.9f01
           Cost   4
           Port   4105 (port-channel10)
           Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority   32770 (priority 32768 sys-id-ext 2)
           Address   0022.5579.7641
           Hello Time 2 sec Max Age 20 sec Forward Delay 15 sec

Interface   Role Sts Cost   Prio.Nbr Type
--------------- ---- --- ----   -------- -------------------------
Po10   Root FWD 2   128.4105 (vPC peer-link) P2p
Po20   Desg FWD 1   128.4115 (vPC) P2p
Po30   Root FWD 1   128.4125 (vPC) P2p
```

Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference at 67 | ```
Spanning tree enabled protocol rstp
Root ID   Priority   32768
           Address   001c.7301.07b9
           Cost   1999 (Ext) 0 (Int)
           Port   101 (Port-Channel2)
           Hello Time 2.000 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority   32768 (priority 32768 sys-id-ext 0)
           Address   001c.7304.195b
           Hello Time 2.000 sec Max Age 20 sec Forward Delay 15 sec

Interface   Role   State   Cost   Prio.Nbr Type
--------------- ---------- ---------- -------- -------- -----------
Et4   designated forwarding 20000   128.4   P2p
Et5   designated forwarding 20000   128.5   P2p
Et6   designated forwarding 20000   128.6   P2p
Et23   designated forwarding 20000   128.23   P2p
Et26   designated forwarding 20000   128.26   P2p
Et32   designated forwarding 2000   128.32   P2p
```

Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 983.

*See also* Arista User Manual v. 4.12.3 (7/17/13), at 861; Arista User Manual, v. 4.11.1 (1/11/13), at 679; Arista User Manual v. 4.10.3 (10/22/12), at 593; Arista User Manual v. 4.9.3.2 (5/3/12), at 512; Arista User Manual v. 4.8.2 (11/18/11), at 386; Arista User Manual v. 4.7.3 (7/18/11), at 275; Arista User Manual v. 4.6.0 (12/22/2010), at 268 | Dkt. 419-10 at PDF p. 270 |

| Cisco's Documentation | Arista's Documentation | Supporting Evidence In The Record |
|---|---|---|
| ```
Spanning tree enabled protocol rstp
Root ID     Priority    32770
            Address     000d.eca3.9f01
            Cost        4
            Port        4105 (port-channel10)
            Hello Time  2  sec  Max Age 20 sec  Forward Delay 15 sec

Bridge ID  Priority    32770  (priority 32768 sys-id-ext 2)
           Address     0022.5579.7641
           Hello Time  2  sec  Max Age 20 sec  Forward Delay 15 sec

Interface        Role Sts Cost      Prio.Nbr Type
---------------- ---- --- --------- -------- -------------------------

Po10             Root FWD 2         128.4105 (vPC peer-link) P2p
Po20             Desg FWD 1         128.4115 (vPC) P2p
Po30             Root FWD 1         128.4125 (vPC) P2p
```

Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at L2-59:L2-64 | ```
Spanning tree enabled protocol rstp
Root ID   Priority   32768
            Address   001c.7301.07b9
            Cost   1999 (Ext) 0 (Int)
            Port   101 (Port-Channel2)
            Hello Time 2.000 sec Max Age 20 sec Forward Delay 15 sec

Bridge ID Priority   32768 (priority 32768 sys-id-ext 0)
           Address   001c.7304.195b
           Hello Time 2.000 sec Max Age 20 sec Forward Delay 15 sec

Interface   Role   State   Cost   Prio.Nbr Type
---------------- ---------- ----------- --------- -------- -----------

Et4   designated forwarding 20000   128.4   P2p
Et5   designated forwarding 20000   128.5   P2p
Et6   designated forwarding 20000   128.6   P2p
Et23   designated forwarding 20000   128.23   P2p
Et26   designated forwarding 20000   128.26   P2p
Et32   designated forwarding 2000   128.32   P2p
```

Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 983.

*See also* Arista User Manual v. 4.12.3 (7/17/13), at 861; Arista User Manual, v. 4.11.1 (1/11/13), at 679; Arista User Manual v. 4.10.3 (10/22/12), at 593; Arista User Manual v. 4.9.3.2 (5/3/12), at 512; Arista User Manual v. 4.8.2 (11/18/11), at 386; Arista User Manual v. 4.7.3 (7/18/11), at 275; Arista User Manual v. 4.6.0 (12/22/2010), at 268 | Dkt. 419-10 at PDF p. 271 |

| Cisco's Documentation | Arista's Documentation | Supporting Evidence In The Record |
|---|---|---|
| This example shows how to display detailed information about the STP configuration:<br><br>`switch(config)# show spanning-tree detail`<br><br>`VLAN0001 is executing the rstp compatible Spanning Tree protocol`<br>`  Bridge Identifier has priority 32768, sysid 1, address 0022.5579.7641`<br>`  Configured hello time 2, max age 20, forward delay 15`<br>`  Current root has priority 32769, address 000d.eca3.9f01`<br>`  Root port is 4105 (port-channel10), cost of root path is 4`<br>`  Topology change flag not set, detected flag not set`<br>`  Number of topology changes 1 last change occurred 20:24:36 ago`<br>`        from port-channel10`<br>`  Times:  hold 1, topology change 35, notification 2`<br>`          hello 2, max age 20, forward delay 15`<br>`  Timers: hello 0, topology change 0, notification 0`<br><br>`  Port 4105 (port-channel10, vPC Peer-link) of VLAN0001 is root forwarding`<br>`    Port path cost 2, Port priority 128, Port Identifier 128.4105`<br>`    Designated root has priority 32769, address 000d.eca3.9f01`<br>`    Designated bridge has priority 32769, address 0022.5579.7341`<br>`    Designated port id is 128.4105, designated path cost 2`<br>`    Timers: message age 16, forward delay 0, hold 0`<br>`    Number of transitions to forwarding state: 1`<br>`    Link type is point-to-point by default`<br><br>`    BPDU: sent 36729, received 36739`<br><br>`  Port 4115 (port-channel20, vPC) of VLAN0001 is designated forwarding`<br>`    Port path cost 1, Port priority 128, Port Identifier 128.4115`<br>`    Designated root has priority 32769, address 000d.eca3.9f01`<br>`    Designated bridge has priority 32769, address 0022.5579.7341`<br>`    Designated port id is 128.4115, designated path cost 2`<br>`    Timers: message age 0, forward delay 0, hold 0`<br>`    Number of transitions to forwarding state: 0`<br>`    Link type is point-to-point by default`<br>`    BPDU: sent 0, received 0`<br><br>`  Port 4125 (port-channel30, vPC) of VLAN0001 is root forwarding`<br>`    Port path cost 1, Port priority 128, Port Identifier 128.4125`<br>`    Designated root has priority 32769, address 000d.eca3.9f01`<br>`    Designated bridge has priority 32769, address 000d.eca3.9f01`<br>`    Designated port id is 128.4125, designated path cost 0`<br>`    Timers: message age 0, forward delay 0, hold 0`<br>`    Number of transitions to forwarding state: 0`<br>`    Link type is point-to-point by default`<br>`    BPDU: sent 0, received 0`<br><br>Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 74-75Release 6.x (2013), at 73 | • This command displays STP data, including an information block for each interface running STP.<br><br>`switch>show spanning-tree vlan 1000 detail`<br>`  MST0 is executing the rstp Spanning Tree protocol`<br>`    Bridge Identifier has priority 32768, sysid 0, address 001c.7304.195b`<br>`    Configured hello time 2.000, max age 20, forward delay 15, transmit hold-count 6`<br>`    Current root has priority 32768, address 001c.7301.07b9`<br>`    Root port is 101 (Port-Channel2), cost of root path is 1999 (Ext) 0 (Int)`<br>`    Number of topology changes 4109 last change occurred 1292651 seconds ago`<br>`          from Ethernet13`<br><br>`    Port 4 (Ethernet4) of MST0 is designated forwarding`<br>`      Port path cost 20000, Port priority 128, Port Identifier 128.4.`<br>`      Designated root has priority 32768, address 001c.7301.07b9`<br>`      Designated bridge has priority 32768, address 001c.7304.195b`<br>`      Designated port id is 128.4, designated path cost 1999 (Ext) 0 (Int)`<br>`      Timers: message age 1, forward delay 15, hold 20`<br>`      Number of transitions to forwarding state: 1`<br>`      Link type is point-to-point by default, Internal`<br>`      BPDU: sent 452252, received 0, taggedErr 0, otherErr 0, rateLimiterCount 0`<br>`      Rate-Limiter: enabled, Window: 10 sec, Max-BPDU: 400`<br><br>`    Port 5 (Ethernet5) of MST0 is designated forwarding`<br>`      Port path cost 20000, Port priority 128, Port Identifier 128.5.`<br>`      Designated root has priority 32768, address 001c.7301.07b9`<br>`      Designated bridge has priority 32768, address 001c.7304.195b`<br>`      Designated port id is 128.5, designated path cost 1999 (Ext) 0 (Int)`<br>`      Timers: message age 1, forward delay 15, hold 20`<br>`      Number of transitions to forwarding state: 1`<br>`      Link type is point-to-point by default, Internal`<br>`      BPDU: sent 1006266, received 0, taggedErr 0, otherErr 0, rateLimiterCount 0`<br>`      Rate-Limiter: enabled, Window: 10 sec, Max-BPDU: 400`<br><br>Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 984.<br><br>*See also* Arista User Manual v. 4.12.3 (7/17/13), at 862; Arista User Manual, v. 4.11.1 (1/11/13), at 680; Arista User Manual v. 4.10.3 (10/22/12), at 594; Arista User Manual v. 4.9.3.2 (5/3/12), at 513; Arista User Manual v. 4.8.2 (11/18/11), at 387; Arista User Manual v. 4.7.3 (7/18/11), at 276. | Dkt. 419-10 at PDF p. 272 |

| Cisco's Documentation | Arista's Documentation | Supporting Evidence In The Record |
|---|---|---|
| This example shows how to display detailed information about the STP configuration:<br><br>`switch(config)# show spanning-tree detail`<br><br>`VLAN0001 is executing the rstp compatible Spanning Tree protocol`<br>`  Bridge Identifier has priority 32768, sysid 1, address 0022.5579.7641`<br>`  Configured hello time 2, max age 20, forward delay 15`<br>`  Current root has priority 32769, address 000d.eca3.9f01`<br>`  Root port is 4105 (port-channel10), cost of root path is 4`<br>`  Topology change flag not set, detected flag not set`<br>`  Number of topology changes 1 last change occurred 20:24:36 ago`<br>`          from port-channel10`<br>`  Times:  hold 1, topology change 35, notification 2`<br>`          hello 2, max age 20, forward delay 15`<br>`  Timers: hello 0, topology change 0, notification 0`<br><br>` Port 4105 (port-channel10, vPC Peer-link) of VLAN0001 is root forwarding`<br>`   Port path cost 2, Port priority 128, Port Identifier 128.4105`<br>`   Designated root has priority 32769, address 000d.eca3.9f01`<br>`   Designated bridge has priority 32769, address 0022.5579.7341`<br>`   Designated port id is 128.4105, designated path cost 2`<br>`   Timers: message age 16, forward delay 0, hold 0`<br>`   Number of transitions to forwarding state: 1`<br>`   Link type is point-to-point by default`<br><br>`   BPDU: sent 36729, received 36739`<br><br>` Port 4115 (port-channel20, vPC) of VLAN0001 is designated forwarding`<br>`   Port path cost 1, Port priority 128, Port Identifier 128.4115`<br>`   Designated root has priority 32769, address 000d.eca3.9f01`<br>`   Designated bridge has priority 32769, address 0022.5579.7341`<br>`   Designated port id is 128.4115, designated path cost 2`<br>`   Timers: message age 0, forward delay 0, hold 0`<br>`   Number of transitions to forwarding state: 0`<br>`   Link type is point-to-point by default`<br>`   BPDU: sent 0, received 0`<br><br>` Port 4125 (port-channel30, vPC) of VLAN0001 is root forwarding`<br>`   Port path cost 1, Port priority 128, Port Identifier 128.4125`<br>`   Designated root has priority 32769, address 000d.eca3.9f01`<br>`   Designated bridge has priority 32769, address 000d.eca3.9f01`<br>`   Designated port id is 128.4125, designated path cost 0`<br>`   Timers: message age 0, forward delay 0, hold 0`<br>`   Number of transitions to forwarding state: 0`<br>`   Link type is point-to-point by default`<br>`   BPDU: sent 0, received 0`<br><br>Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2010), at L2-71:L2-72 | • This command displays STP data, including an information block for each interface running STP.<br><br>`switch>show spanning-tree vlan 1000 detail`<br>`  MST0 is executing the rstp Spanning Tree protocol`<br>`    Bridge Identifier has priority 32768, sysid 0, address 001c.7304.195b`<br>`    Configured hello time 2.000, max age 20, forward delay 15, transmit hold-count 6`<br>`    Current root has priority 32768, address 001c.7301.07b9`<br>`    Root port is 101 (Port-Channel2), cost of root path is 1999 (Ext) 0 (Int)`<br>`    Number of topology changes 4109 last change occurred 1292651 seconds ago`<br>`          from Ethernet13`<br><br>`    Port 4 (Ethernet4) of MST0 is designated forwarding`<br>`      Port path cost 20000, Port priority 128, Port Identifier 128.4.`<br>`      Designated root has priority 32768, address 001c.7301.07b9`<br>`      Designated bridge has priority 32768, address 001c.7304.195b`<br>`      Designated port id is 128.4, designated path cost 1999 (Ext) 0 (Int)`<br>`      Timers: message age 1, forward delay 15, hold 20`<br>`      Number of transitions to forwarding state: 1`<br>`      Link type is point-to-point by default, Internal`<br>`      BPDU: sent 452252, received 0, taggedErr 0, otherErr 0, rateLimiterCount 0`<br>`      Rate-Limiter: enabled, Window: 10 sec, Max-BPDU: 400`<br><br>`    Port 5 (Ethernet5) of MST0 is designated forwarding`<br>`      Port path cost 20000, Port priority 128, Port Identifier 128.5.`<br>`      Designated root has priority 32768, address 001c.7301.07b9`<br>`      Designated bridge has priority 32768, address 001c.7304.195b`<br>`      Designated port id is 128.5, designated path cost 1999 (Ext) 0 (Int)`<br>`      Timers: message age 1, forward delay 15, hold 20`<br>`      Number of transitions to forwarding state: 1`<br>`      Link type is point-to-point by default, Internal`<br>`      BPDU: sent 1006266, received 0, taggedErr 0, otherErr 0, rateLimiterCount 0`<br>`      Rate-Limiter: enabled, Window: 10 sec, Max-BPDU: 400`<br><br>Arista User Manual v. 4.14.3F (Rev. 2) (10/2/2014), at 984.<br><br>*See also* Arista User Manual v. 4.12.3 (7/17/13), at 862; Arista User Manual, v. 4.11.1 (1/11/13), at 680; Arista User Manual v. 4.10.3 (10/22/12), at 594; Arista User Manual v. 4.9.3.2 (5/3/12), at 513; Arista User Manual v. 4.8.2 (11/18/11), at 387; Arista User Manual v. 4.7.3 (7/18/11), at 276. | Dkt. 419-10 at PDF p. 273 |

| Cisco's Documentation | Arista's Documentation | Supporting Evidence In The Record |
|---|---|---|
| This example shows how to display STP information about a specified interface when you are running Rapid PVST+:<br><br>`switch(config)# show spanning-tree interface ethernet 8/2`<br><br>`Vlan         Role Sts Cost     Prio.Nbr Type`<br>`---------------- ---- --- -------- -------- ------...`<br>`VLAN0001     Altn BLK 20000    128.1025 P2p`<br><br>`VLAN0002     Desg FWD 20000    128.1025 P2p`<br><br>This example shows how to display STP information about a specified interface when you are running MST:<br><br>`switch(config)# show spanning-tree interface ethernet 2/50`<br><br>`Mst Instance    Role Sts Cost     Prio.Nbr Type`<br>`---------------- ---- --- -------- -------- ------...`<br>`MST0000      Desg FWD 20000    128.1281 P2p`<br><br>This example shows how to display detailed STP information about a specified interface when you are running Rapid PVST+:<br><br>`switch(config)# show spanning-tree interface ethernet 8/1 detail`<br><br>`Port 1025 (Ethernet8/1) of VLAN0001 is alternate blocking`<br>`   Port path cost 20000, Port priority 128, Port Identifier 128.1025`<br>`   Designated root has priority 28672, address 0018.bad8.239d`<br>`   Designated bridge has priority 28672, address 0018.bad8.239d`<br>`   Designated port id is 128.1281, designated path cost 0`<br>`   Timers: message age 15, forward delay 0, hold 0`<br>`   Number of transitions to forwarding state: 1`<br>`   Link type is point-to-point by default`<br>`   The port type is network by default.`<br>`   BPDU: sent 4657, received 188`<br><br>`Port 1025 (Ethernet8/1) of VLAN0002 is designated forwarding`<br>`   Port path cost 20000, Port priority 128, Port Identifier 128.1025`<br>`   Designated root has priority 32770, address 0018.bad7.fc15`<br>`   Designated bridge has priority 32770, address 0018.bad7.fc15`<br>`   Designated port id is 128.1025, designated path cost 0`<br>`   Timers: message age 0, forward delay 0, hold 0`<br>`   Number of transitions to forwarding state: 1`<br>`   Link type is point-to-point by default`<br>`   The port type is network by default.`<br>`   BPDU: sent 4838, received 0`<br><br>Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 77. | Examples<br><br>• This command displays an STP table for Ethernet 5 interface.<br><br>`switch>show spanning-tree interface ethernet 5`<br>`Instance        Role      State     Cost     Prio.Nbr Type`<br>`------------- --------- --------- -------- -------- ----...`<br>`MST0            designated forwarding 20000      128 5   P2p`<br>`switch>`<br><br>• This command displays a data block for Ethernet interface 5.<br><br>`switch>show spanning-tree interface ethernet 5 detail`<br>`Port 5 (Ethernet5) of MST0 is designated forwarding`<br>`   Port path cost 20000, Port priority 128, Port Identifier 128.5.`<br>`   Designated root has priority 32768, address 001c.7301.07b9`<br>`   Designated bridge has priority 32768, address 001c.7304.195b`<br>`   Designated port id is 128.5, designated path cost 1999 (Ext) 0 (Int)`<br>`   Timers: message age 1, forward delay 15, hold 20`<br>`   Number of transitions to forwarding state: 1`<br>`   Link type is point-to-point by default, Internal`<br>`   BPDU: sent 1008766, received 0, taggedErr 0, otherErr 0, rateLimiterCount 0`<br>`   Rate-Limiter: enabled, Window: 10 sec, Max-BPDU: 400`<br><br>`switch>`<br><br><br>Arista User Manual v. 4.14.3F – Rev. 2 (October 2, 2014), at 988.<br><br>*See also* Arista User Manual v. 4.12.3 (7/17/13), at 866; Arista User Manual, v. 4.11.1 (1/11/13), at 684; Arista User Manual v. 4.10.3 (10/22/12), at 598; Arista User Manual v. 4.9.3.2 (5/3/12), at 517; Arista User Manual v. 4.8.2 (11/18/11), at 391; Arista User Manual v. 4.7.3 (7/18/11), at 280. | Dkt. 419-10 at PDF p. 274 |

| Cisco's Documentation | Arista's Documentation | Supporting Evidence In The Record |
|---|---|---|
| This example shows how to display STP information about a specified interface when you are running Rapid PVST+:<br><br>switch(config)# **show spanning-tree interface ethernet 8/2**<br><br>Vlan        Role Sts Cost    Prio.Nbr Type<br>---------------- ---- --- --------- -------- --------------------------------<br>VLAN0001      Altn BLK 20000    128.1025 P2p<br><br>VLAN0002      Desg FWD 20000    128.1025 P2p<br><br>This example shows how to display STP information about a specified interface when you are running MST:<br><br>switch(config)# **show spanning-tree interface ethernet 2/50**<br><br>Mst Instance    Role Sts Cost    Prio.Nbr Type<br>---- --------- ---- --- --------- -------- --------------------------------<br>MST0000       Desg FWD 20000    128.1281 P2p<br><br>This example shows how to display detailed STP information about a specified interface when you are running Rapid PVST+:<br><br>switch(config)# **show spanning-tree interface ethernet 8/1 detail**<br><br>Port 1025 (Ethernet8/1) of VLAN0001 is alternate blocking<br>  Port path cost 20000, Port priority 128, Port Identifier 128.1025<br>  Designated root has priority 28672, address 0018.bad8.239d<br>  Designated bridge has priority 28672, address 0018.bad8.239d<br>  Designated port id is 128.1281, designated path cost 0<br>  Timers: message age 15, forward delay 0, hold 0<br>  Number of transitions to forwarding state: 1<br>  Link type is point-to-point by default<br>  The port type is network by default.<br>  BPDU: sent 4657, received 188<br><br>Port 1025 (Ethernet8/1) of VLAN0002 is designated forwarding<br>  Port path cost 20000, Port priority 128, Port Identifier 128.1025<br>  Designated root has priority 32770, address 0018.bad7.fc15<br>  Designated bridge has priority 32770, address 0018.bad7.fc15<br>  Designated port id is 128.1025, designated path cost 0<br>  Timers: message age 0, forward delay 0, hold 0<br>  Number of transitions to forwarding state: 1<br>  Link type is point-to-point by default<br>  The port type is network by default.<br>  BPDU: sent 4838, received 0<br><br>Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2010), at L2-74 | Examples<br><br>• This command displays an STP table for Ethernet 5 interface.<br><br>switch>**show spanning-tree interface ethernet 5**<br>Instance      Role    State    Cost    Prio.Nbr Type<br>------------ ------------ ------------ --------- -------- --------------<br>MST0        designated forwarding 20000    128 5   P2p<br>switch><br><br>• This command displays a data block for Ethernet interface 5.<br><br>switch>**show spanning-tree interface ethernet 5 detail**<br>Port 5 (Ethernet5) of MST0 is designated forwarding<br>  Port path cost 20000, Port priority 128, Port Identifier 128.5.<br>  Designated root has priority 32768, address 001c.7301.07b9<br>  Designated bridge has priority 32768, address 001c.7304.195b<br>  Designated port id is 128.5, designated path cost 1999 (Ext) 0 (Int)<br>  Timers: message age 1, forward delay 15, hold 20<br>  Number of transitions to forwarding state: 1<br>  Link type is point-to-point by default, Internal<br>  BPDU: sent 1008766, received 0, taggedErr 0, otherErr 0, rateLimiterCount 0<br>  Rate-Limiter: enabled, Window: 10 sec, Max-BPDU: 400<br><br>switch><br><br>Arista User Manual v. 4.14.3F – Rev. 2 (October 2, 2014), at 988.<br><br>*See also* Arista User Manual v. 4.12.3 (7/17/13), at 866; Arista User Manual, v. 4.11.1 (1/11/13), at 684; Arista User Manual v. 4.10.3 (10/22/12), at 598; Arista User Manual v. 4.9.3.2 (5/3/12), at 517; Arista User Manual v. 4.8.2 (11/18/11), at 391; Arista User Manual v. 4.7.3 (7/18/11), at 280. | Dkt. 419-10 at PDF p. 275 |

| Cisco's Documentation | Arista's Documentation | Supporting Evidence In The Record |
|---|---|---|
| ```
switch# show spanning-tree mst

##### MST0    vlans mapped:   1-4094
Bridge        address 0018.bad7.fc15  priority     32768 (32768 sysid 0)
Root          this switch for the CIST
Regional Root this switch
Operational   hello time 2 , forward delay 15, max age 20, txholdcount 6
Configured    hello time 2 , forward delay 15, max age 20, max hops   20

Interface       Role Sts Cost    Prio.Nbr Type
---------------- ---- --- ------- -------- --------------------------------
Eth8/1          Desg FWD 20000     128 1025 P2p
Eth8/2          Desg FWD 20000     128 1026 P2p
```

This example shows how to display STP information about a specific MST instance:

```
switch)# show spanning-tree mst 0

##### MST0    vlans mapped:   1-4094
Bridge        address 0018.bad7.fc15  priority     32768 (32768 sysid 0)
Root          this switch for the CIST
Regional Root this switch
Operational   hello time 2 , forward delay 15, max age 20, txholdcount 6
Configured    hello time 2 , forward delay 15, max age 20, max hops   20

Interface       Role Sts Cost    Prio.Nbr Type
---------------- ---- --- ------- -------- --------------------------------
Eth8/1          Desg FWD 20000   128.1025 P2p
Eth8/2          Desg FWD 20000   128.1026 P2p
```

This example shows how to display detailed STP information about the MST protocol:

```
switch)# show spanning-tree mst detail

##### MST0    vlans mapped:   1-4094
Bridge        address 0018.bad7.fc15  priority     32768 (32768 sysid 0)
Root          this switch for the CIST
Regional Root this switch
Operational   hello time 2 , forward delay 15, max age 20, txholdcount 6
Configured    hello time 2 , forward delay 15, max age 20, max hops   20

Eth8/1 of MST0 is designated forwarding
Port info          port id         128.1025  priority   128  cost  20000
Designated root       address 0018.bad7.fc15  priority 32768  cost   0
Design. regional root address 0018.bad7.fc15  priority 32768  cost   0
Designated bridge     address 0018.bad7.fc15  priority 32768  port id 128.1025
Timers: message expires in 0 sec, forward delay 0, forward transitions 1
Bpdus sent 1379, received 3

Eth8/2 of MST0 is designated forwarding
Port info          port id         128.1026  priority   128  cost  20000
Designated root       address 0018.bad7.fc15  priority 32768  cost   0
Design. regional root address 0018.bad7.fc15  priority 32768  cost   0
Designated bridge     address 0018.bad7.fc15  priority 32768  port id 128.1026
Timers: message expires in 0 sec, forward delay 0, forward transitions 1
Bpdus sent 1380, received 2
```

Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 80. | Examples

- This command displays interface data blocks for MST instance 3.
```
switch>show spanning-tree mst 3 detail
##### MST3    vlans mapped:   3
Bridge        address 0011.2233.4402 priority    32771 (32768 sysid 3)
Root          address 0011.2233.4401 priority    32771 (32768 sysid 3)

Ethernet1 of MST3 is root forwarding
Port info          port id          128.1 priority   128  cost   2000
Designated root       address 0011.2233.4401 priority 32768  cost   2000
Designated bridge     address 0011.2233.4401 priority 32768  port id  128.1

Ethernet2 of MST3 is alternate discarding
Port info          port id          128.2 priority   128  cost   2000
Designated root       address 0011.2233.4401 priority 32768  cost   0
Designated bridge     address 0011.2233.4401 priority 32768  port id  128.2

Ethernet3 of MST3 is designated forwarding
Port info          port id          128.3 priority   128  cost   2000
Designated root       address 0011.2233.4401 priority 32768  cost   2000
Designated bridge     address 0011.2233.4402 priority 32768  port id  128.3
```

- This command displays interface tables for all MST instances.
```
switch>show spanning-tree mst
##### MST0    vlans mapped:   1,4-4094
Bridge        address 0011.2233.4402 priority    32768 (32768 sysid 0)
Root          address 0011.2233.4401 priority    32768 (32768 sysid 0)
Regional Root address 0011.2233.4401 priority    32768 (32768 sysid 0)

Interface       Role      State      Cost     Prio.Nbr Type
---------------- --------- ---------- -------- -------- -----------
Et1             root      forwarding 2000     128.1    P2p
Et2             alternate discarding 2000     128.2    P2p
Et3             designated forwarding 2000    128.3    P2p
Et4             designated forwarding 2000    128.4    P2p

##### MST2 vlans mapped: 2
Bridge        address 0011.2233.4402 priority    8194 (8192 sysid 2)
Root          this switch for MST2

Interface       Role      State      Cost     Prio.Nbr Type
---------------- --------- ---------- -------- -------- -----------
Et1             designated forwarding 2000    128.1    P2p
Et2             designated forwarding 2000    128.2    P2p
Et3             designated forwarding 2000    128.3    P2p
Et4             designated forwarding 2000    128.4    P2p

##### MST3 vlans mapped: 3
Bridge        address 0011.2233.4402 priority    32771 (32768 sysid 3)
Root          address 0011.2233.4401 priority    32771 (32768 sysid 3)

Interface       Role      State      Cost     Prio.Nbr Type
---------------- --------- ---------- -------- -------- -----------
Et1             root      forwarding 2000     128.1    P2p
Et2             alternate discarding 2000     128.2    P2p
Et3             designated forwarding 2000    128.3    P2p
Et4             designated forwarding 2000    128.4    P2p
```

Arista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 990.

See also Arista User Manual v. 4.12.3 (7/17/13), at 867-68; Arista User Manual, v. 4.11.1 (1/11/13), at 685-86; Arista User Manual v. 4.10.3 (10/22/12), at 599-600; Arista User Manual v. 4.9.3.2 (5/3/12), at 518-19; Arista User Manual v. 4.8.2 (11/18/11), at 392-393; Arista User Manual v. | Dkt. 419-10 at PDF pp. 276-277 |

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
	4.7.3 (7/18/11), at; Arista User Manual v. 4.7.3 (7/18/11), at 281-82.	

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record
``` switch# show spanning-tree mst ##### MST0 vlans mapped: 1-4094 Bridge address 0018.bad7.fc15 priority 32768 (32768 sysid 0) Root this switch for the CIST Regional Root this switch Operational hello time 2 , forward delay 15, max age 20, txholdcount 6 Configured hello time 2 , forward delay 15, max age 20, max hops 20 Interface Role Sts Cost Prio.Nbr Type ---------------- ---- --- -------- -------- -------------------------------- Eth8/1 Desg FWD 20000 128 1025 P2p Eth8/2 Desg FWD 20000 128 1026 P2p ``` This example shows how to display STP information about a specific MST instance: ``` switch)# show spanning-tree mst 0 ##### MST0 vlans mapped: 1-4094 Bridge address 0018.bad7.fc15 priority 32768 (32768 sysid 0) Root this switch for the CIST Regional Root this switch Operational hello time 2 , forward delay 15, max age 20, txholdcount 6 Configured hello time 2 , forward delay 15, max age 20, max hops 20 Interface Role Sts Cost Prio.Nbr Type ---------------- ---- --- -------- -------- -------------------------------- Eth8/1 Desg FWD 20000 128.1025 P2p Eth8/2 Desg FWD 20000 128.1026 P2p ``` This example shows how to display detailed STP information about the MST protocol: ``` switch)# show spanning-tree mst detail ##### MST0 vlans mapped: 1-4094 Bridge address 0018.bad7.fc15 priority 32768 (32768 sysid 0) Root this switch for the CIST Regional Root this switch Operational hello time 2 , forward delay 15, max age 20, txholdcount 6 Configured hello time 2 , forward delay 15, max age 20, max hops 20 Eth8/1 of MST0 is designated forwarding Port info port id 128.1025 priority 128 cost 20000 Designated root address 0018.bad7.fc15 priority 32768 cost 0 Design. regional root address 0018.bad7.fc15 priority 32768 cost 0 Designated bridge address 0018.bad7.fc15 priority 32768 port id 128.1025 Timers: message expires in 0 sec, forward delay 0, forward transitions 1 Bpdus sent 1379, received 3 Eth8/2 of MST0 is designated forwarding Port info port id 128.1026 priority 128 cost 20000 Designated root address 0018.bad7.fc15 priority 32768 cost 0 Design. regional root address 0018.bad7.fc15 priority 32768 cost 0 Designated bridge address 0018.bad7.fc15 priority 32768 port id 128.1026 Timers: message expires in 0 sec, forward delay 0, forward transitions 1 Bpdus sent 1380, received 2 ``` Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2010), at L2-77	Examples • This command displays interface data blocks for MST instance 3. ``` switch>show spanning-tree mst 3 detail ##### MST3 vlans mapped: 3 Bridge address 0011.2233.4402 priority 32771 (32768 sysid 3) Root address 0011.2233.4401 priority 32771 (32768 sysid 3) Ethernet1 of MST3 is root forwarding Port info port id 128.1 priority 128 cost 2000 Designated root address 0011.2233.4401 priority 32768 cost 0 Designated bridge address 0011.2233.4401 priority 32768 port id 128.1 Ethernet2 of MST3 is alternate discarding Port info port id 128.2 priority 128 cost 2000 Designated root address 0011.2233.4401 priority 32768 cost 0 Designated bridge address 0011.2233.4401 priority 32768 port id 128.2 Ethernet3 of MST3 is designated forwarding Port info port id 128.3 priority 128 cost 2000 Designated root address 0011.2233.4401 priority 32768 cost 2000 Designated bridge address 0011.2233.4402 priority 32768 port id 128.3 ``` • This command displays interface tables for all MST instances. ``` switch>show spanning-tree mst ##### MST0 vlans mapped: 1,4-4094 Bridge address 0011.2233.4402 priority 32768 (32768 sysid 0) Root address 0011.2233.4401 priority 32768 (32768 sysid 0) Regional Root address 0011.2233.4401 priority 32768 (32768 sysid 0) Interface Role State Cost Prio.Nbr Type ---------------- ---------- ----------- ------ -------- ------------- Et1 root forwarding 2000 128.1 P2p Et2 alternate discarding 2000 128.2 P2p Et3 designated forwarding 2000 128.3 P2p Et4 designated forwarding 2000 128.4 P2p ##### MST2 vlans mapped: 2 Bridge address 0011.2233.4402 priority 8194 (8192 sysid 2) Root this switch for MST2 Interface Role State Cost Prio.Nbr Type ---------------- ---------- ----------- ------ -------- ------------- Et1 designated forwarding 2000 128.1 P2p Et2 designated forwarding 2000 128.2 P2p Et3 designated forwarding 2000 128.3 P2p Et4 designated forwarding 2000 128.4 P2p ##### MST3 vlans mapped: 3 Bridge address 0011.2233.4402 priority 32771 (32768 sysid 3) Root address 0011.2233.4401 priority 32771 (32768 sysid 3) Interface Role State Cost Prio.Nbr Type ---------------- ---------- ----------- ------ -------- ------------- Et1 root forwarding 2000 128.1 P2p Et2 alternate discarding 2000 128.2 P2p Et3 designated forwarding 2000 128.3 P2p Et4 designated forwarding 2000 128.4 P2p ``` Arista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 990. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 867-68; Arista User Manual, v. 4.11.1 (1/11/13), at 685-86; Arista User Manual v. 4.10.3 (10/22/12), at 599-600; Arista User Manual v. 4.9.3.2 (5/3/12), at 518-19; Arista User Manual v. 4.8.2 (11/18/11), at 392-393; Arista User Manual v. 4.7.3 (7/18/11), at; Arista User Manual v. 4.7.3 (7/18/11), at 281-82.	Dkt. 419-10 at PDF p. 278

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

This example shows how to display information about the MST configuration:
 	
`switch)# show spanning-tree mst configuration`
 	
`Name:        [mst-bldg-sj6/3]`
`Revision:    1      Instances Configured: 3`
`Instance    Vlans mapped`
`---------   -----------------------------------------------`
`0           1`
`2000        2-2000`
`4094        2001-4094`
`-------------------------------------------------------`
 	
This example shows how to display the MD5 digest included in the current MST configuration:
 	
`switch)# show spanning-tree mst configuration digest`
 	
`Name       [mst-config]`
`Revision   10     Instances configured 25`
`Digest              0x40D5ECA178C657835C83BBCB16723192`
`Pre-std Digest  0x27BF112A75B72781ED928D9EC5BB4251`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 81.
	Examples
	
	• This command displays the MST region's VLAN-to-instance map.
	
	`switch>show spanning-tree mst configuration`
	`Name       []`
	`Revision   0      Instances configured 3`
	
	`Instance   Vlans mapped`
	`---------  --------------------------------------------------------`
	`0          1,4-4094`
	`2          2`
	`3          3`
	`-----------------------------------------------------------------`
	`switch>`
	
	• This command displays the MST region's configuration digest.
	
	`switch>show spanning-tree mst configuration digest`
	`Name       []`
	`Revision   0      Instances configured 1`
	`Digest           0xAC36177F50283CD4B83821D8AB26DE62`
	`switch>`
	
	Arista User Manual v. 4.14.3F – Rev. 2 (October 2, 2014), at 991.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 869; Arista User Manual, v. 4.11.1 (1/11/13), at 687; Arista User Manual v. 4.10.3 (10/22/12), at 601; Arista User Manual v. 4.9.3.2 (5/3/12), at 520; Arista User Manual v. 4.8.2 (11/18/11), at 394; Arista User Manual v. 4.7.3 (7/18/11), at 283.
		Dkt. 419-10 at PDF p. 279

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

This example shows how to display information about the MST configuration:
 	
`switch)# show spanning-tree mst configuration`
 	
`Name:       [mst-bldg-sj6/3]`
`Revision:   1      Instances Configured: 3`
`Instance    Vlans mapped`
`---------   -------------------------------------`
`0           1`
`2000        2-2000`
`4094        2001-4094`
`---------------------------------------------------`
 	
This example shows how to display the MD5 digest included in the current MST configuration:
 	
`switch)# show spanning-tree mst configuration digest`
 	
`Name       [mst-config]`
`Revision  10    Instances configured 25`
`Digest          0x40D5ECA178C657835C83BBCB16723192`
`Pre-std Digest  0x27BF112A75B72781ED928D9EC5BB4251`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2010), at L2-78
	Examples
	• This command displays the MST region's VLAN-to-instance map.
	
	`switch>show spanning-tree mst configuration`
	`Name      []`
	`Revision  0     Instances configured 3`
	
	`Instance  Vlans mapped`
	`--------  -----------------------------------------`
	`0         1,4-4094`
	`2         2`
	`3         3`
	`--------  -----------------------------------------`
	`switch>`
	
	• This command displays the MST region's configuration digest.
	
	`switch>show spanning-tree mst configuration digest`
	`Name      []`
	`Revision  0     Instances configured 1`
	`Digest          0xAC36177F50283CD4B83821D8AB26DE62`
	`switch>`
	
	Arista User Manual v. 4.14.3F – Rev. 2 (October 2, 2014), at 991.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 869; Arista User Manual, v. 4.11.1 (1/11/13), at 687; Arista User Manual v. 4.10.3 (10/22/12), at 601; Arista User Manual v. 4.9.3.2 (5/3/12), at 520; Arista User Manual v. 4.8.2 (11/18/11), at 394; Arista User Manual v. 4.7.3 (7/18/11), at 283.
		Dkt. 419-10 at PDF p. 280

Examples   This example shows how to display information for the root bridge:
 	
`switch(config)# show spanning-tree root`
 	
`MST Instance      Root ID        Cost  Time Age Dly  Root Port`
`------------      --------       ----- ------------  ---------`
`MST0000      32768 0018.bad7.fc15    0   2   20  15   This bridge is root`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 82-83.
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 994.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 872; Arista User Manual, v. 4.11.1 (1/11/13), at 690; Arista User Manual v. 4.10.3 (10/22/12), at 604; Arista User Manual v. 4.9.3.2 (5/3/12), at 523; Arista User Manual v. 4.8.2 (11/18/11), at 397; Arista User Manual v. 4.7.3 (7/18/11), at 286.
		Dkt. 419-10 at PDF p. 280

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

Examples   This example shows how to display information for the root bridge:
 	
`switch(config)# show spanning-tree root`
 	
`MST Instance`   `Root ID`   `Cost Time Age Dly Root Port`
`MST0000`   `32768 0018.bad7.fc15`   `0 2 20 15 This bridge is root`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2010), at L2-79:L2-80
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 994.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 872; Arista User Manual, v. 4.11.1 (1/11/13), at 690; Arista User Manual v. 4.10.3 (10/22/12), at 604; Arista User Manual v. 4.9.3.2 (5/3/12), at 523; Arista User Manual v. 4.8.2 (11/18/11), at 397; Arista User Manual v. 4.7.3 (7/18/11), at 286.
		Dkt. 419-10 at PDF p. 281

This example shows how to display information about the number of VLANs configured on the device:
 	
`switch# show vlan summary`
 	
`Number of existing VLANs`   `: 9`
`Number of existing user VLANs`   `: 9`
`Number of existing extended VLANs : 0`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 94.
	Example
	
	• This command displays the number of VLANs on the switch.
	
	`switch>show vlan summary`
	`Number of existing VLANs` `: 18`
	
	`switch>`
	
	                                                                           A
	rista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 791.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 638; Arista User Manual, v. 4.11.1 (1/11/13), at 492; Arista User Manual v. 4.10.3 (10/22/12), at 410; Arista User Manual v. 4.9.3.2 (5/3/12), at 345.
		Dkt. 419-10 at PDF p. 281

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

This example shows how to display information about the number of VLANs configured on the device:
 	
`switch# show vlan summary`
 	
`Number of existing VLANs        : 9`
`Number of existing user VLANs   : 9`
`Number of existing extended VLANs : 0`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference, Release 5.x (2010), at L2-90
	Example
	• This command displays the number of VLANs on the switch.
	
	`switch>show vlan summary`
	`Number of existing VLANs          : 18`
	
	`switch>`
	
	A
	
	rista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 791.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 638; Arista User Manual, v. 4.11.1 (1/11/13), at 492; Arista User Manual v. 4.10.3 (10/22/12), at 410; Arista User Manual v. 4.9.3.2 (5/3/12), at 345.
		Dkt. 419-10 at PDF p. 282

Examples   This example shows how to display information about all private VLANs on the device:
 	
`switch(config)# show vlan private-vlan`
 	
`Primary  Secondary  Type           Ports`
`-------  ---------  ------------   --------------------`
`200      201        isolated       Eth2/26, Eth2/27`
`200      202        community      Eth2/26, Eth2/28`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 94.
	Example
	• This command displays the private VLANs.
	
	`switch>show vlan private-vlan`
	`Primary Secondary Type         Ports`
	`------- --------- ----------   ------------------------------`
	`5       25        isolated`
	`5       26        isolated`
	`7       31        community`
	`7       32        isolated`
	`switch>`
	
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 790.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 637; Arista User Manual, v. 4.11.1 (1/11/13), at 491; Arista User Manual v. 4.10.3 (10/22/12), at 409; Arista User Manual v. 4.9.3.2 (5/3/12), at 344.
		Dkt. 419-10 at PDF p. 282

Cisco's Documentation	Arista's Documentation	Supporting Evidence In The Record

Examples   This example shows how to display information about all private VLANs on the device:
 	
`switch(config)# show vlan private-vlan`
 	
`Primary  Secondary  Type           Ports`
`-------  ---------  -------------  --------------------`
`200      201        isolated       Eth2/26, Eth2/27`
`200      202        community      Eth2/26, Eth2/28`
 	
Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2010), at L2-96
	Example
	• This command displays the private VLANs.
	
	`switch>show vlan private-vlan`
	`Primary Secondary Type         Ports`
	`------- --------- ----------- ------------------------`
	`5       25        isolated`
	`5       26        isolated`
	`7       31        community`
	`7       32        isolated`
	`switch>`
	
	Arista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 790.
	
	See also Arista User Manual v. 4.12.3 (7/17/13), at 637; Arista User Manual, v. 4.11.1 (1/11/13), at 491; Arista User Manual v. 4.10.3 (10/22/12), at 409; Arista User Manual v. 4.9.3.2 (5/3/12), at 344.
		Dkt. 419-10 at PDF p. 283

spanning-tree bpdufilter To enable bridge protocol data unit (BPDU) Filtering on the interface, use the spanning-tree bpdufilter command. To return to the default settings, use the no form of this command. `spanning-tree bpdufilter {enable	disable}`  `no spanning-tree bpdufilter` **Syntax Description** enable Enables BPDU Filtering on this interface. disable Disables BPDU Filtering on this interface. Cisco Nexus 7000 Series NX-OS Layer 2 Switching Command Reference (2013), at 111.	**spanning-tree bpdufilter** The spanning-tree bpdufilter command controls bridge protocol data unit (BPDU) filtering on the configuration mode interface. BPDU filtering is disabled by default. Ports with BPDU filtering enabled drop inbound BPDUs and do not send BPDUs. Enabling BPDU filtering on a port not connected to a host can result in loops as the port continues forwarding data while ignoring inbound BPDU packets. • spanning-tree bpdufilter enabled enables BPDU filtering. • spanning-tree bpdufilter disabled disables BPDU filtering by removing the spanning-tree bpdufilter command from *running-config*. Arista User Manual v. 4.14.3F – Rev. 2 (10/2/2014), at 996. *See also* Arista User Manual v. 4.12.3 (7/17/13), at 874; Arista User Manual, v. 4.11.1 (1/11/13), at 692; Arista User Manual v. 4.10.3 (10/22/12), at 606; Arista User Manual v. 4.9.3.2 (5/3/12), at 525; Arista User Manual v. 4.8.2 (11/18/11), at 399; Arista User Manual v. 4.7.3 (7/18/11), at 265.	Dkt. 419-10 at PDF p. 283